



# **BIOLOGY**

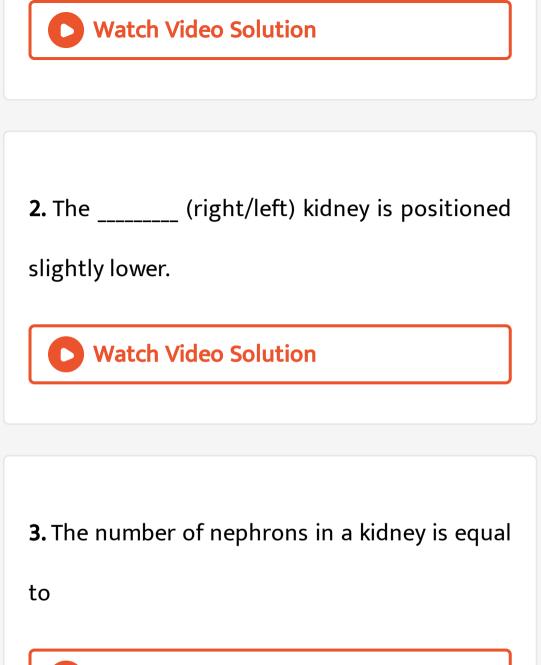
# **BOOKS - ICSE**

# HUMAN BODY: THE EXCRETORY SYSTEM

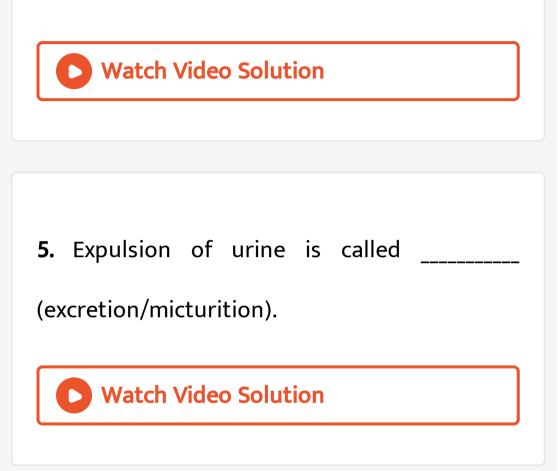
**Questions Fill In The Blanks** 

1. How is water and salt balance maintained in

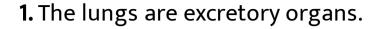
the body?

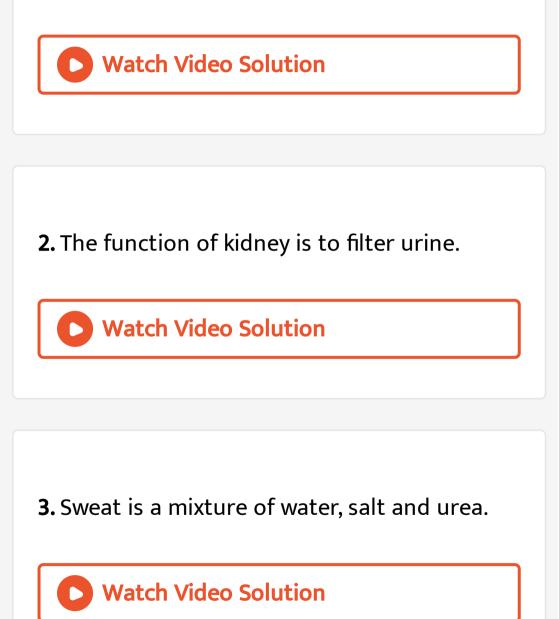


**4.** Urinary bladder is lined with:



**Questions True Or False** 





4. Renal vein brings blood carrying wastes into

the kidney.

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 Kidney failure patients have to undergo dialysis.

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**Exercises Section I Name The Following** 

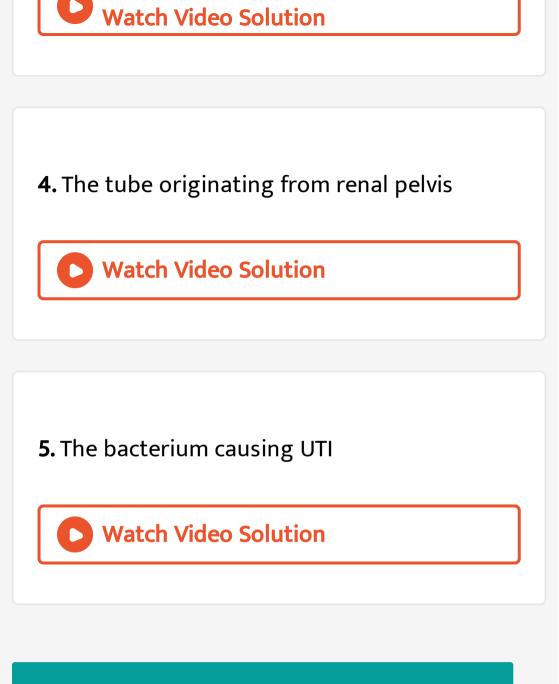
**1.** The structural and functional units of kidney.

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2. Straw coloured liquid that is removed by
kidneys
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3. An organ that stores urine temporarily

before it is released





**Exercises Section I Choose The Correct Option** 

1. Which of the following is the outer dark

region of kidney?

A. Cortex

B. Nephron

C. Medulla

D. Pelvis

**Answer:** 

2. The excretory organs are

A. kidneys and stomach

B. kidneys and lung

C. skin and nose

D. stomach and intestine

Answer:

3. The blood vessel carrying metabolic wastes

into the kidney is

A. renal vein

B. renal artery

C. aorta

D. vena cava

#### **Answer:**

### 4. The excess amino acid is changed into urea

by

A. Gall bladder

B. lungs

C. Liver

D. pancreas

#### Answer:

5. Before being removed from the kidneys, the

urine is collected in

A. renal medulla

B. renal pelvis

C. renal cortex

D. renal tubule

#### Answer:

1. Apart from excretion, the other function of

kidney is secretion.

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2. The function of kidney is to filter urine.

3. The urinary bladder stores urine temporarily.
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4. The opening of urethra is controlled by a

valve.



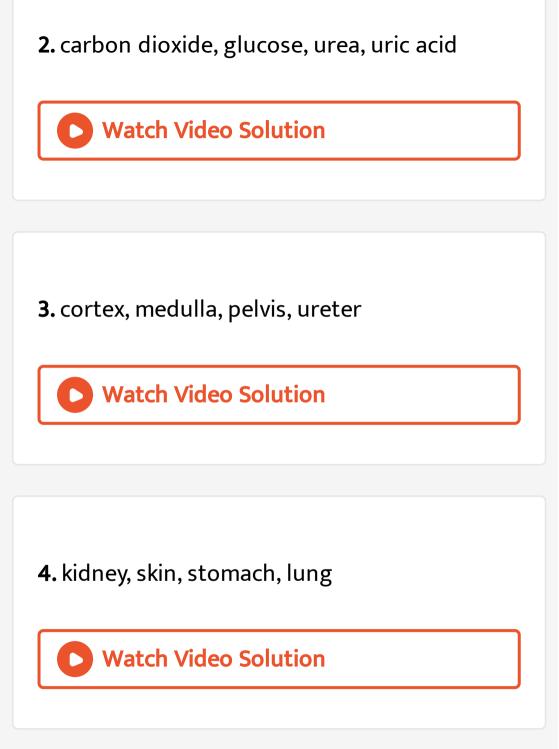
5. High concentration of calcium oxalate can

cause kidney stones.

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Exercises Section I Choose The Odd One Out And Give Reasons For Your Choice

1. ureter, urethra, bladder, cortex



Exercises Section I State The Exact Location Of The Following Organs

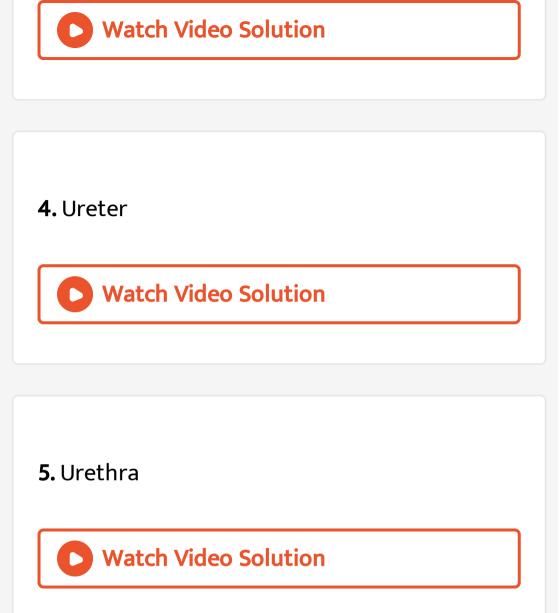
#### 1. Kidneys

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#### 2. Nephrons

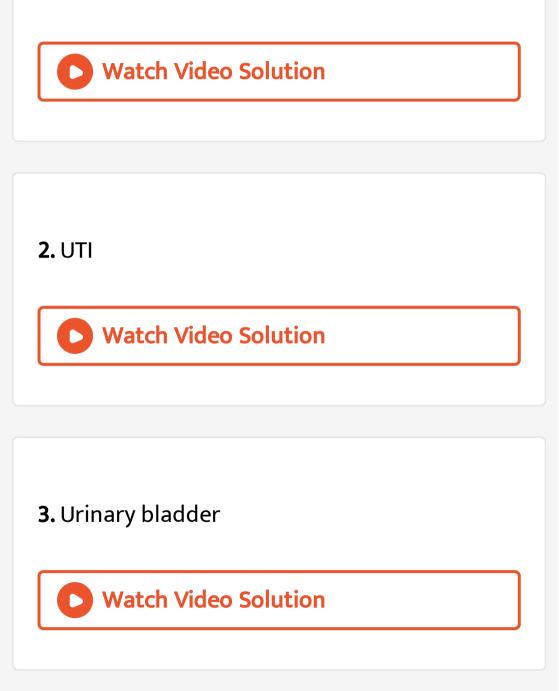
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3. Renal medulla

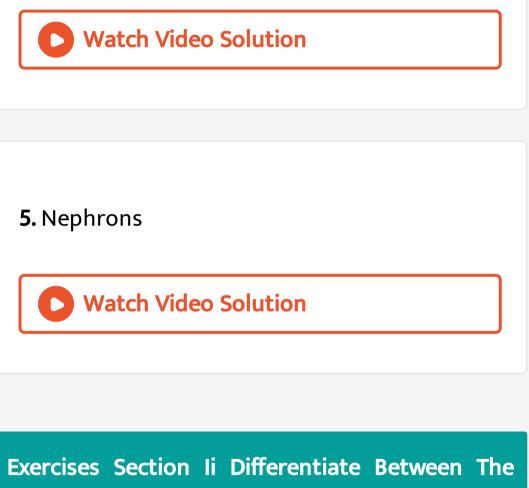


#### Exercises Section Ii Define The Following Terms

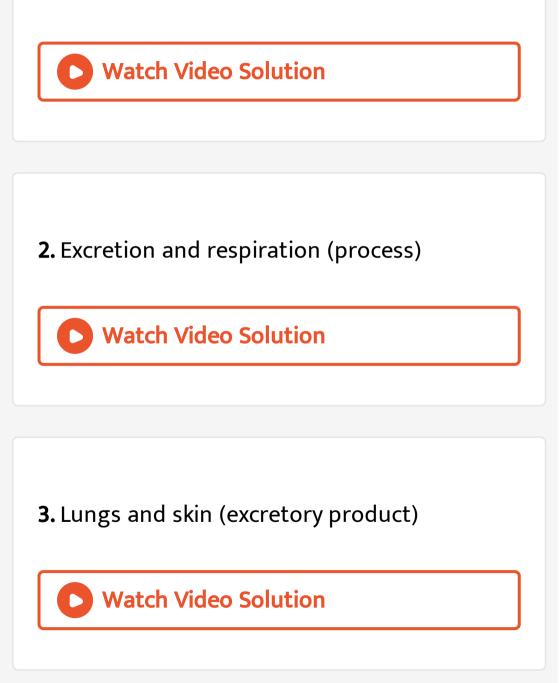
#### 1. Excretion



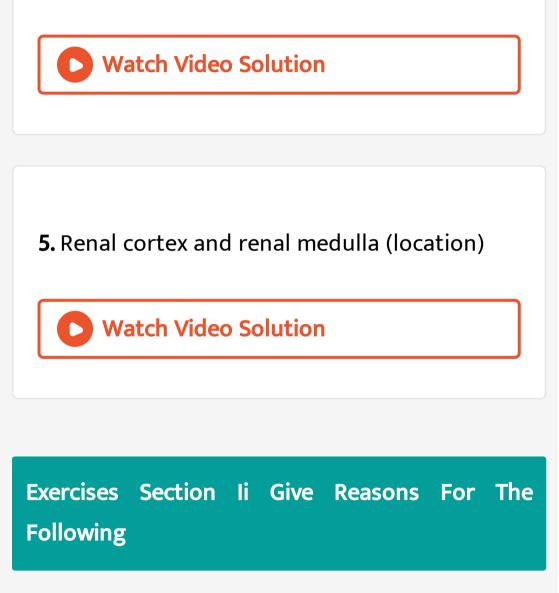
4. Micturition



Following Pair Of Words Based On What Is Given In The Bracket **1.** Ureter and urethra (function)

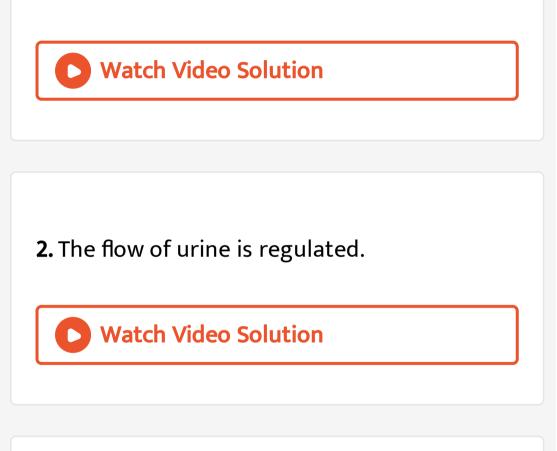


4. Excretion and osmoregulation (definition)

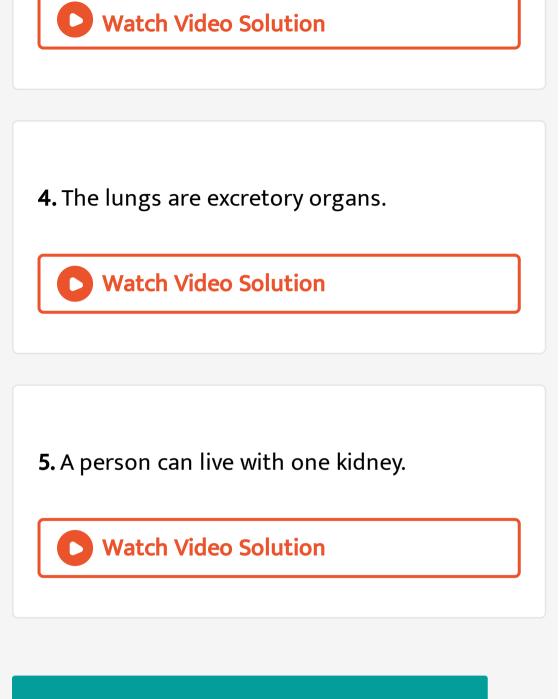


1. Metabolic wastes need to be removed from

the body.



**3.** It is advisable to drink sufficient water to avoid the formation of kidney stones.



**Exercises Section Ii Short Answer Questions** 

1. Name the different excretory organs of the

human body.



2. List four different excretory wastes

produced in human beings.

3. Which blood vessel carries metabolic wastes

into the kidney?

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**4.** Name two useful substances that are reabsorbed back into the blood from the forming urine.

5. What is the amount of work done in bringing a mass from the surface of Earth on one side to a point diametrically opposite on the other side?

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**Exercises Section Ii Long Answer Questions** 

**1.** Draw a labelled diagram of the human excretory system.





**2.** Name the excretory organs other than kidneys and mention the excretory wastes excreted by them.

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## **3.** Describe the internal structure of kidney.

**4.** Name the bacteria that causes urinary tract infection. What are the symptoms and preventive measures taken for UTI?

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**5.** What should a person do if he is suffering from kidney stones? Can the stones be removed on their own?

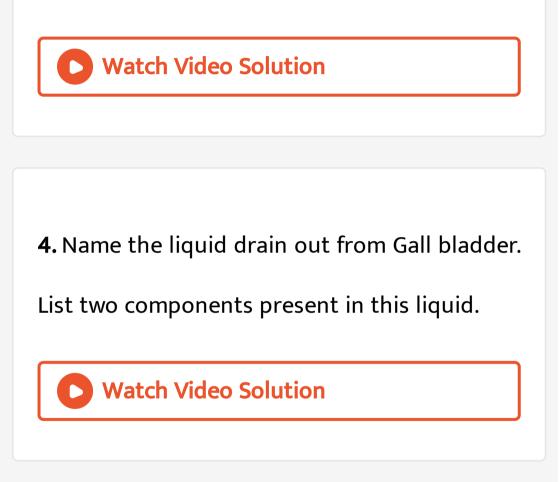
**1.** Is lactic acid produces in our body?

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2. What are the organs constitute digestive

system?

**3.** Describe main functions of kidneys.



5. Name some viral disease.

**6.** What is monohybrid cross?

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#### 7. What are the structural and functional units

of life?



8. Give the number and name of the part of

kidney where urine is collected.



**9.** Name any two constituents of the blood that are reabsorbed by nephrons in the kidneys.